

DAILY FIELD REPORT

Supplemental PDI Investigation – OU3 Pohatcong Valley Groundwater Contamination Superfund Site Warren County, New Jersey

DATE: Friday, December 28, 2018

PREPARED BY: Michael Eddings/Stam Popelar

RAMBOLL ON-SITE: Mike Eddings, Nita Shinn, Taylor Carroll, Gina Daniel, Nick Zuerweller, Jay Shipley, Aaron Knowlton, and Adrian Ezeagu

SUBCONTRACTORS ON-SITE: Cascade Drilling (Ben Grim, Marshall Daniels, Dennis Schweisthal, Kevin Smith, Jon Weeks, Oiden Gonzales, Kendall Schultz, Chris Barden, Scott Parkes, Rob Jackson, Chris Hubler, Lucas Ainslie)
Advanced Geophysical Services (Greg Fournier)

VISITORS: USACE (Patrick Nejand, John Canby)

WEATHER: Low 39°F, high 53°F, fog, clouds.

ACTIVITIES PERFORMED THROUGH 7PM (START OF 2ND SHIFT 12/27 TO END OF 1ST SHIFT 12/28)

- Grouted holes and installed steel pipe to a depth of 132 ft Bgs for future thermocouple installation at PDI-SB27 and PDI-SB28.
- Broke down rigs and containments.
- Moved both rigs to the next set of borings; PDI-SB29 and PDI-SB30.
- Begin drilling PDI-SB29 and PDI-SB30.
- Conducted subsurface utility clearance at additional potential boring locations.
- Drilled and sampled PDI-SB29 from 0 to 40 feet bgs.
- Drilled and sampled PDI-SB30 from 0 to 25 feet bgs.

HSEQ ACTIVITIES/OBSERVATIONS (hazards, near misses, incidents or safety considerations)

- CRM/HSEQ Tailgate Safety Meeting was held at the on-site job trailer for all onsite personnel at the Albéa facility at 191 Hwy 31 N, Washington, NJ.

SAMPLE COLLECTION ACTIVITIES:

- No samples collected or sent to the offsite laboratory.

PROBLEMS, CONCERNS AND RESOLUTIONS:

- No problems to report.

- Ramboll and Rio Tinto held a conference call with the EPA/USACE in which we discussed modifying sample intervals for future borings during this field effort. It was decided that from the surface to 60 ft bgs that we would continue conducting PID screening of soil, but not collect soil samples for laboratory analysis. Below that depth, laboratory sampling intervals would be consistent with what was done at borings PDI-SB27 and PDI-SB28 (two soil samples for lab analysis for every 5 vertical feet of boring). Additionally, it was decided to terminate each boring below 120 feet if PID readings were sufficiently low (i.e.; if these criteria are met there is no need to drill to depths that competent bedrock is encountered).

ANTICIPATED TASKS THROUGH Saturday, December 29, 2018:

- Complete drilling and sampling borings PDI-SB29 and PDI-SB30.
- Grout holes and install steel pipe for future thermocouple installation at PDI-SB29 and PDI-SB30.
- Break down rigs and containments.

PHOTOGRAPH(S) ATTACHED? ☒ **YES** ☐ **NO**



Location PDI-SB30 showing vacuum tube that had to be moved.



Containment inside PDI-SB30. Product track can be seen through containment.



Outside of the containment at PDI-SB30.



Containment at PDI-SB29.



Containment at PDI-SB30.